AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. – 25. (Canceled)

26.   (Currently Amended) ~~The system of Claim 2, wherein:~~ A system for transmitting data over a network to at least one client having a latency time to initiate transmission of said data to the client, including:

-     at least one anti-latency signal generator for generating a plurality of anti-latency data streams containing at least a leading portion of data for receipt by a client; and

-     at least one interactive signal generator for generating a plurality of interactive data streams containing at least a remaining portion of said data for the client to merge into after receiving at least a portion of an anti-latency data stream, wherein:

-     said data has a length R, and is fragmented into K segments each requiring a time T to transmit over the network;

-     the interactive data streams include N anti-latency data streams, wherein each of the N interactive data ~~stream~~ streams is repeated continuously within said interactive data stream, and wherein each successive interactive data stream is staggered by an interactive time interval $= \dfrac{KT}{N}$;

- the anti-latency data streams ~~includes~~ <u>include M anti-latency data streams,</u>

<u>wherein</u> the anti-latency data streams 1 to *M* are generated such that

- an mth anti-latency data stream has F_m segments, wherein F_m is an mth

Fibonacci number; and

- the F_m segments are repeated continuously within the mth anti-latency

data stream.

27. (Original) The system of Claim 26, wherein:

- the client is connected to at least the mth and $(m+1)^{th}$ anti-latency data

streams when the client raises a request for said data;

- the data in at least the mth and $(m+1)^{th}$ anti-latency data streams is buffered in

the client;

- the client is subsequently connected to successive anti-latency data streams;

and

until all data in the leading portion is received by the client.

28. (Original) The system of Claim 27, wherein:

- the client is connected to any one of the *N* interactive data streams after all

data in the leading portion is received by the client.

29.   (Original) The system of Claim 26, wherein each of the *N* interactive data streams contains the whole set of said data having *K* segments.

30.   (Original) The system of Claim 26, wherein each of the *N* interactive data streams contains the remaining portion of said data only.

31.   (Original) The system of Claim 26, wherein $F_M \geq \dfrac{2K}{N}$.

32.   (Original) The system of Claim 26, wherein *m* starts from 1,

33.   (Original)   The system of Claim 26, wherein *m* starts from 4 and the repeating I^st, 2nd, and 3rd anti-latency data streams have the following configuration:

1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	3	2	3	2	3	2	3	2	3	2	3	3	3	3	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3
4	5	6	7	4	5	6	7	4	5	6	7	4	5	6	7	4	5	6	7	4	5	6	7	4	5	6	7	4	5		

Claims 34-108. (Canceled).